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PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of the application is not designated in the prior United States or PCT international application in the manner provided by the first paragraph of 31 U.S.C. 112. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/028 attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Customer Number 021971 →

Place Customer
Number Bar
Code Label here

OR

Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: Customer Number or Bar Code Label → OR Correspondence address below

Name	Kenta Suzue					
Address	Wilson Sonsini Goodrich & Rosati					
Address	650 Page Mill Road					
City	Palo Alto	State	CA	ZIP	94304	
Country	U.S.	Telephone	650-493-9300		Fax	650-493-6811

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle if any)				Family Name or Surname				
Manish				Pankey				
Inventor's Signature	<i>Manish Pankey</i>					Date	01/22/04	
Residence: City	San Jose	State	CA	Country	US	Citizenship	Indian	
Post Office Address	1709 Fumia Drive, San Jose, CA 95131							
Post Office Address								
City	San Jose	State	CA	ZIP	95131	Country	US	

Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto:

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MAR 29 2004Please Type a plus sign (+) inside this box →

PTO/SB/02A (3-87)

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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>2</u>					
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle, if any)		Family Name or Surname					
Yung-Te		Lai					
Inventor's Signature:							Date
Residence: City	Cupertino	State	CA	Country	US	Citizenship	US
Post Office Address	1455 Asher Lane, Cupertino, CA 95014						
Post Office Address							
City	Cupertino	State	CA	ZIP	95014	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle, if any)		Family Name or Surname					
Bret		Siarkowski					
Inventor's Signature:	<i>Bret Siarkowski</i>						Date
City	Marlborough	State	MA	Country	US	Citizenship	US
Post Office Address	718 Concord Road, Marlborough, MA 01752						
Post Office Address							
City	Marlborough	State	CA	ZIP	01752	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle, if any)		Family Name or Surname					
Kai-Yong		Khoo					
Inventor's Signature:							Date
City	Berkeley	State	CA	Country	US	Citizenship	Singapore
Post Office Address	1611 Posen Ave., Berkeley, CA 94707						
Post Office Address							
City	Berkeley	State	CA	ZIP	94707	Country	US

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



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PTO/SB/02A (3-97)

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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>2</u>	
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))		Family Name or Surname					
Yung-Te		Lai					
Inventor's Signature					Date	1/22/04	
Residence: City	Cupertino	State	CA	Country	US	Citizenship	US
Post Office Address	1455 Aster Lane, Cupertino, CA 95014						
Post Office Address							
City	Cupertino	State	CA	ZIP	95014	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))		Family Name or Surname					
Bret		Siarowski					
Inventor's Signature					Date		
City	Marlborough	State	MA	Country	US	Citizenship	US
Post Office Address	718 Concord Road, Marlborough, MA 01752						
Post Office Address							
City	Marlborough	State	CA	ZIP	01752	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))		Family Name or Surname					
Kei-Yong		Khoo					
Inventor's Signature					Date	1-22-04	
City	Berkeley	State	CA	Country	US	Citizenship	Singapore
Post Office Address	1611 Posen Ave., Berkeley, CA 94707						
Post Office Address							
City	Berkeley	State	CA	ZIP	94707	Country	US

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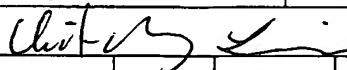
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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>2</u> of <u>2</u>	
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any)		Family Name or Surname					
Chih-Chang		Lin					
Inventor's Signature						Date	01/22/06
Residence: City	San Jose	State	CA	Country	US	Citizenship	Taiwan
Post Office Address	3221 Lakebrook Court, San Jose, CA 95148						
Post Office Address							
City	San Jose	State	CA	ZIP	95148	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any)		Family Name or Surname					
Inventor's Signature						Date	
City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any)		Family Name or Surname					
Inventor's Signature						Date	
City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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Patent
CA7038422001

**POWER OF ATTORNEY
AND REVOCATION OF PREVIOUS POWERS
By Assignee**

Cadence Design Systems, Inc., assignee(s) of the application for United States Letters Patent for an improvement in

METHOD AND SYSTEM FOR LOGIC EQUIVALENCE CHECKING

by: Manish Pandey, Yung-Te Lai, Bret Starkowski, Ket-Yong Khoo, Chih-Chang Lin

the specification of which:

is filed herewith, OR
 was filed on September 4, 2003, having U.S. Patent Application Serial No. 10/656,801.

does hereby appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, and hereby revokes all powers of attorney previously given and appoints all of the registered practitioners identified by:

Customer Number 23639

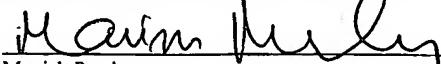
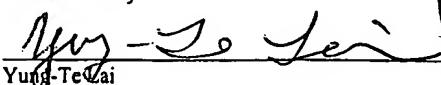
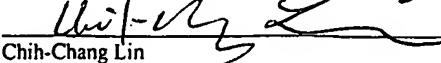
Please direct all inquiries to Peter C. Mei, at the above Customer Number.

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from the inventor(s) to the assignee(s), which:

is filed for recordation herewith; or
 was recorded at Reel _____, Frame _____; or
 has been sent for recordation under separate cover, copy attached herewith.

To the best of the undersigned's knowledge and belief, title is in the assignee(s) identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee(s).

Full Name of Assignee: Cadence Design Systems, Inc.	
Post Office Address: 2655 Seely Avenue, San Jose, California 95134	
Signature of Declarant or Assignee: <i>Manish Pandey</i>	Date: 3-25-04
Full Name of Declarant: If Other Than Assignee: Michael L. Williams	
Title of Declarant: Vice President and Associate General Counsel	
Address of Declarant: 2655 Seely Avenue, San Jose, CA 95134	

ASSIGNMENT OF APPLICATION		Docket Number 19329-719
<p>Whereas, the undersigned:</p> <p>1. PANDEY, Manish San Jose, CA 2. LAI, Yung-Te Cupertino, CA 3. SIARKOWSKI, Bret Marlboro, MA 4. KHOO, Kei-Yong Berkeley, CA 5. LIN, Chih-Chang San Jose, CA</p> <p>hereinafter termed "Inventors", have invented certain new and useful improvements in</p> <p style="text-align: center;">Method And System For Logic Equivalence Checking</p> <p><input checked="" type="checkbox"/> for which an application for United States Patent was filed on <u>09/04/2003</u>, Application No. <u>10/656,801</u>. <input type="checkbox"/> for which a United States Patent issued on ___, U.S. Patent No. ___.</p> <p>WHEREAS, <u>Cadence Design Systems, Inc.</u>, having a place of business at <u>2655 Seely Ave., San Jose, CA 95134</u>, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.</p> <p>NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:</p> <p>1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.</p> <p>2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.</p> <p>3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.</p> <p>4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.</p> <p>IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:</p> <p>Date: <u>01/22/04</u>  Manish Pandey</p> <p>Date: <u>01/22/04</u>  Yung-Te Lai</p> <p>Date: <u>01/22/04</u>  Bret Siarkowski</p> <p>Date: <u>01/22/04</u>  Kei-Yong Khoo</p> <p>Date: <u>01/22/04</u>  Chih-Chang Lin</p>		

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ASSIGNMENT OF APPLICATION					Docket Number 19329-719
<p>Whereas, the undersigned:</p> <p>1. PANDEY, Manish San Jose, CA 2. LAI, Yung-Tc Cupertino, CA 3. SIARKOWSKI, Bret Marlboro, MA 4. KHOO, Kei-Yong Berkeley, CA 5. LIN, Chih-Chang San Jose, CA</p> <p>hereinafter termed "Inventors", have invented certain new and useful improvements in</p> <p style="text-align: center;">Method And System For Logic Equivalence Checking</p> <p><input checked="" type="checkbox"/> for which an application for United States Patent was filed on <u>09/04/2003</u>, Application No. <u>10/656,801</u>. <input type="checkbox"/> for which a United States Patent issued on ___, U.S. Patent No. ___.</p> <p>WHEREAS, <u>Cadence Design Systems, Inc.</u>, having a place of business at <u>2655 Seely Ave., San Jose, CA 95134</u>, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.</p> <p>NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:</p> <p>1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.</p> <p>2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.</p> <p>3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.</p> <p>4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.</p> <p>IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:</p> <p>Date: _____ Manish Pandey</p> <p>Date: _____ Yung-Tc Lai</p> <p>Date: <u>1/26/04</u> Bret Siarkowski</p> <p>Date: _____ Kei-Yong Khoo</p> <p>Date: _____ Chih-Chang Lin</p>					